MILKPAK DISPENSER

SERVICE MANUAL

IMI CORNELIUS (TIANJIN) CO., LTD

CONTACT INFORMATION

The products, technical information, and instructions contained in this manual are subject to change without notice. These instructions are not intended to cover all details or variations of the equipment, nor to provide for every possible contingency in the installation, operation or maintenance of this equipment.

This manual assumes that the person(s) working on the equipment have been trained and are skilled in working with electrical, plumbing, pneumatic, and mechanical equipment. Appropriate safety precautions should be followed and all local safety and construction requirements should be met.

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TABLE OF CONTENTS

INTRODUCTION 1
GENERAL INFORMATION 2
Specification 2
Part Number 2
INSTALLATION 3
MAINTENANCE 4
Manual Cleaning Instruction 4
Keeping And Using Milkpak 5
Changing Bag-In-Box Milk 5
Changing Illuminated Units 5
CONNECTING TO POWER 6
WARRANTY 7
ILLUSTRATED PARTS LIST 8

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NOTE

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INTRODUCTION

Thank you for specifying Cornelius. The Milkpak dispenser has been designed and engineered to high standards and if properly installed and maintained will provide a long and reliable working life.

You are strongly advised to read carefully the contents of this guide and then retain it for future reference.

Please remember the warranty can be invalidated by unauthorised tampering and all service or repairs must be carried out by qualified engineers trained to Cornelius' standards of competence.

Please read the warranty carefully and note the exclusions listed. Should any claims become necessary make them through the Cornelius Service Centre on +44-114-285-2673.
A warranty and customer questionnaire card has been enclosed with your unit. Please return this card to ensure the validity of your warranty and to help us improve our customer service.

The Milkpak dispenser is only one product from a complete range of drinks dispense, refrigeration and catering equipment.

Simply mark the warranty card and return (postage paid) for information on any of our products manufactured for use in the leisure industry.

Whilst every effort has been made to ensure accuracy in this guide, Cornelius is unable to be held responsible for any loss, consequential loss or damage resulting from any action you may take. Cornelius' policy is one of constant product development and improvement and some details and specifications of your unit may differ from that described here.

In the event of any query please telephone the Cornelius Service Centre for latest information.

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GENERAL INFORMATION

Milkpak can be used to dispense cold milk in cafeterias, schools, hospitals, hotels, kitchens etc. Any BIB Pre-Mix products such as flavored milks (e.g. chocolate, strawberry), soya milk, ice tea, juices, wine can be dispensed as well.

SPECIFICATION

	3S (14L)	3S Illuminated	2X10L	2X10L Illuminated
outer height	700 mm	700 mm	820 mm	820 mm
outer width	360 mm	360 mm	360 mm	360 mm
outer depth	430 mm	430 mm	450 mm	450 mm
inner height	290 mm	290 mm	2 x 425 mm	2 x 425 mm
inner width	280 mm	280 mm	2 x 150 mm	2 x 150 mm
inner depth	240 mm	240 mm	2 x 250 mm	2 x 250 mm
Weight	24 kg	26 kg	32 kg	34 kg

Clearances for maximum box size:

- allow 10 mm clearance on both sides of the box
- 10 mm clearance overall for the depth

Box dimensions:

3 gallons
- H 285 mm
- W 258 mm
- D 230 mm

2 X 10 L
- H 430 mm
- W 120 mm
- D 215 mm

PART NUMBER

	3S (14L)	3S Illuminated	2X10L	2X10L Illuminated
Stainless Steel	89583400G	NA	NA	891418502
White Milkpak	89583000G	89583200G	NA	891416501

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INSTALLATION

1. Always handle the unit carefully never tilt drop or place it upside down.
2. The unit should be stood on a solid counter or shelf. Ensure that there is adequate ventilation around the unit. In particular ensure that the top and base of the unit is clear of obstruction. Allow a 25 mm (1”) gap around the unit and a 50 mm (2”) breathing space behind the unit.
3. Electrical supply required is 220/240 VAC and 50 Hz. The unit must be earthed. if in doubt consult a qualified electrician. DO NOT SWITCH ON unit until the installation has been completed.
4. Switching on: If the unit has been laying on it’s side then allow at least 3 hours in the upright position before switching on. The unit should be left on at all times as a domestic refrigerator. The temperature within the unit is controlled by means of a thermostat. (Position No. 7 is the coldest). On the illuminated version the light ON/ OFF switch is located on the lower panel.

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MAINTENANCE

There are no user serviceable parts. Repair and maintenance should only be carried out by a competent person.
In order to maintain the efficiency of the unit and retain safe hygienic conditions of the bag-in-box milk a cleaning routine is essential.

MANUAL CLEANING INSTRUCTIONS

(Drip tray and tap are dish washer safe). Mix 15 ml Milkflo Tube-San in 5 litres of hand warm water. Clean and sanitise the items listed below.

DO NOT STORE USED SOLUTION. Prepare fresh solution at the end of the serving period. Wear rubber gloves during manual cleaning.

I. *DRIP TRAY:* Empty and clean whenever full, and always at the end of serving period. Never leave milk residue overnight.

2. *SURROUNDING WORK AREA:* Ensure it is always clean, mop up spillages immediately and at the end of a serving period.

3. *TAP:* Clean whenever required BUT always at the end of a serving period.

4. *OUTER CABINET:* This should be cleaned at the end of a serving period.

5. *INSIDE THE DOOR AND GASKET:* Ideally it should be cleaned every time the bag-in- box is changed but at least once a week. To clean behind the gasket, ease it away from the metal to get in behind it.

6. *INSIDE THE CABINET:* This has to be defrosted before cleaning. On no account should metal utensils be used to scrape off the ice - leave to defrost.

Bag-in-box milk contains fresh milk and must be kept under refrigeration at all times. If the dispenser is already full store extra packs in normal refrigerator.

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KEEPING AND USING MILKPAK

1.Make sure the pack is in good condition upon arrival and check date code stamp. Contact supplying dairy if any problems with the pack.
2. Milkpak contains fresh milk and MUST BE KEPT UNDER REFRIGERATION AT ALL TIMES. If dispenser is already full, store extra pack in normal refrigerator.
3. Ensure proper stock control-use oldest pack first. (FIRST IN - FIRST OUT).
4. Ensure a constant supply of fresh milk by using up the pack in a reasonable period of time.
5. Do not use milk that has been allowed to stand in the dispenser over the weekend.
6. Do not allow milk to freeze. Adjust thermostat to ensure milk is dispensed between 2° C and 4° C.
7. Keep milkpak and drip tray clean at all times.

Remember this is whole fresh milk. Ensure it stays cool and fresh.

CHANGING BAG-IN-BOX MILK

1. Ensure the box is empty.
2. Remove box and tube from tap.
3. Insert new box.
4. Push back operating lever and hold to keep tap open.
5. Feed milk delivery tube through slot into correct location, release lever to lock.
6. Cut off delivery tube flush with lower face of tap body.

CHANGING ILLUMINATED UNITS

Changing the light and starter should be done by a qualified person.

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CONNECTING TO POWER

IMPORTANT (UK ONLY): The wires in the mains lead are coloured in accordance with the following code:

GREEN and YELLOW	EARTH
BLUE	NEUTRAL
BROWN	LIVE

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: The wire which is coloured green and yellow must be connected to the terminal which is marked with the letter ‘E’ or by the ‘Earth’ symbol ⏚ or coloured green or green and yellow. The wire which is coloured blue must be connected to the terminal which is marked with the letter ‘N’ or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter ‘L’ or coloured red. The appliance must be protected by a 10A ASTA approved (BS1362) fuse if a I0A (BS 1363) plug or a non-rewireable plug is used or if any other type of plug is used by a 15A fuse either in the plug or adaptor or at the distribution board.

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WARRANTY

CONDITIONS	EXCLUSIONS
I. The goods described under this contract shall be of normal industrial quality unless specifically stated to the contrary, and shall meet any specification laid down in the contract.	All other warranties or conditions as to quality and conditions (statutory or otherwise) are excluded.
2. It is for the purchaser to satisfy himself that the goods are fit for the purpose for which they are required.	The Company gives no warranty as to fitness for purpose, unless specifically stated in writing to the contrary.
3. For a period of TWELVE MONTHS from the date of delivery, the company will repair or replace free of charge any component parts proven to be defective as a result of faulty materials or workmanship.	The Company will not be liable for the cost or repairs to the unit arising from: i) Wilful damage or neglect. ii) Disregard of Company's installation and operating instructions, including inadequate ventilation or blocking of air vents, failure to provide a suitably rated and safe electrical supply, or failure to install the unit on an even, level surface. iii) Damage to exterior or interior casing of the unit due to, but not limited to, corrosion, scratching, denting, etc. iv) Failure of light bulbs, tubes or starter assemblies. v) Damage arising from dismantling, transit or reinstallation.
4. The company will carry out repairs or replacement either through its own engineers or through approved contractors.	The company will not be liable for the cost of repairs effected by third parties without the company's prior consent and approval.
5. This warranty is applicable only to the original purchaser of the unit, or in the case of multiple purchases, to the FIRST customer of the original purchaser at the FIRST site location.	No transfer of warranty is possible beyond the FIRST customer or the FIRST location.

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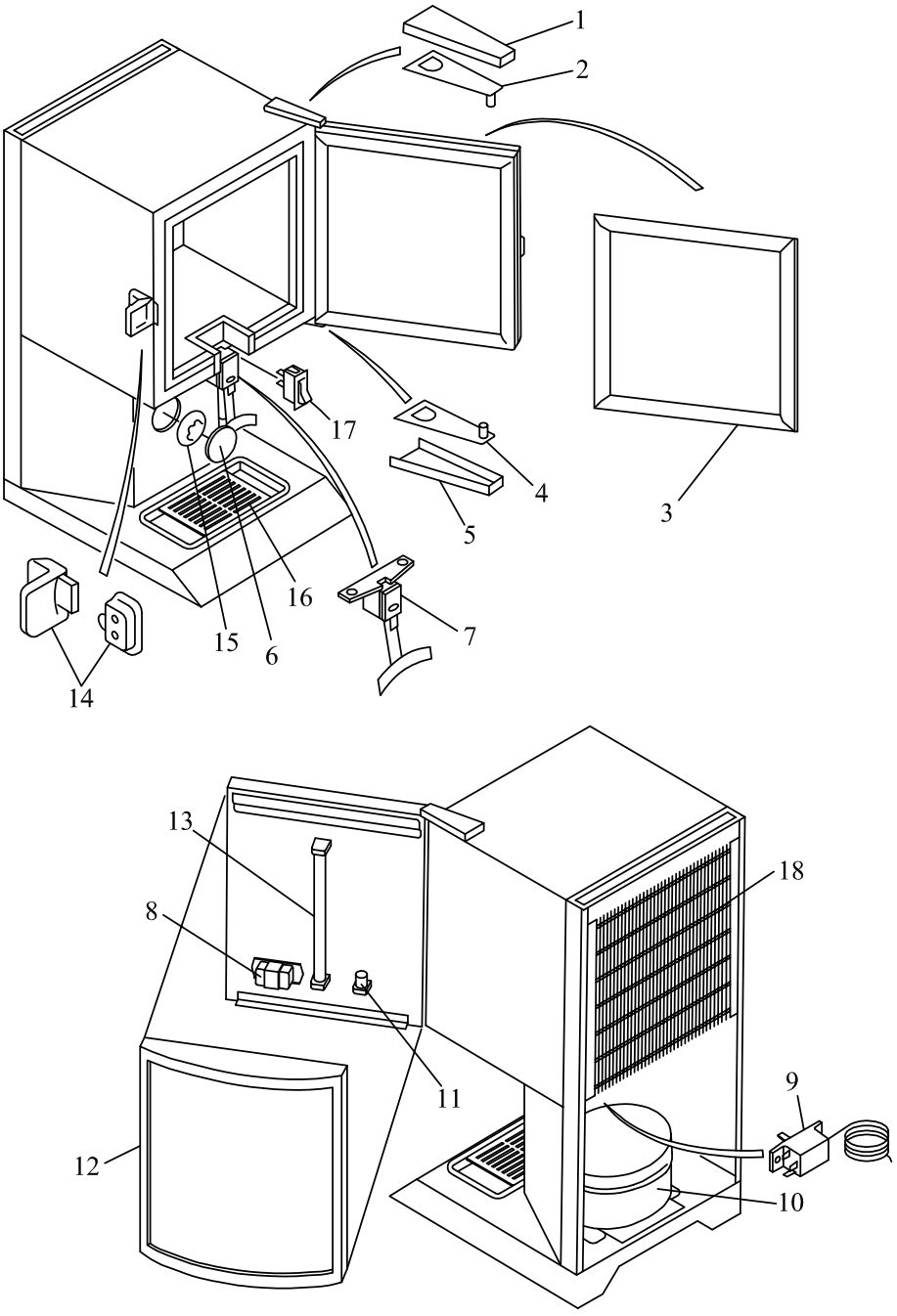
ILLUSTRATED PARTS LIST



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ILLUSTRATED PARTS LIST

Item	Description	3S (14L)	3S Illumi-nated	2X10L	2X10L Illuminated
1	hingle cover (top right)	856029138	856029138	856029138	856029138
2	hingle (top right)	856029126	856029126	856029126	856029126
3	door gasket	856006137	856006137	890417603	890417603
4	hingle (bottom)	856029126	856029426	856029126	856029426
5	hingle cover (bottom right)	856029138	856029138	856029138	856029138
6	thermostat cover	856005819	856005819	856005819	856005819
7	tap - push type	856003332	856003332	856003332	856003332
8	choke	N/A	205990100	N/A	205990100
9	thermostat	856016007	856016007	856016007	856016007
10	compressor	440000222	440000222	890415201	890415201
11	starter	N/A	856027246	N/A	856027246
12	plaque holder	N/A	855MD32DD	N/A	890417201
13	fluorescent light	N/A	205992035	N/A	205992035
14	door catch	856029137	856029137	856029137	856029137
15	thermostat control knob	856029089	856029089	856029089	856029089
16	drip tray (plastic)	856005827	856005827	856005827	856005827
17	light switch	N/A	856027025	N/A	856027025
18	condenser inner	856009022	856009022	890415301	890415301
19	condenser outer (not shown)	856009023	856009023	890415302	890415302
20	drier (not shown)	580450067	580450067	580450067	580450067
21	plaque (not shown)	N/A	to suit	N/A	to suit
22	thumbscrew (not shown)	583343001	583343001	583343001	583343001

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Visit the IMI Cornelius Web Site at www.cornelius-asia.com for all your Literature needs.
This manual applies to units which have a serial number from 89A0608XAXXX.

MILKPAK SERIES

IMI CORNELIUS (TIANJIN) CO., LTD